

**IN THE SPECIFICATION:**

Please amend the specification as follows.

Please replace the paragraph on page 16, lines 20-24 with the following amended paragraph:

A data integrity error diagnosis and repair methodology for the RAID 1 system shown in ~~FIG. 4d~~ FIG. 3c can be performed according to process described above with respect to FIG. 4b. Steps 401-404 can be performed as described above, but because there are only two data blocks (mirrored block B(0) and mirrored block B(1)), it is not possible to detect three or more checksum errors in step 406. Therefore, the process proceeds to step 408.